

Curtis, Kara R @ AS - MID

From: Craig Scheffler <craig@planet.com>
Sent: Monday, September 10, 2018 4:25 PM
To: Curtis, Kara R @ AS - MID
Cc: Craig Scheffler; Rich Leshner
Subject: [EXT] Re: Re: Requesting frequency coordination from Planet Labs, Inc and Terra Bella Technologies, Inc

Hello Kara,

Given that, there won't be any problem for us and we consent to the experimental operations and we don't expect any particular coordination required.

This is based on the following.

The UHF frequency 401.85 MHz is more than 200 kHz from our Flock satellite earth station receiver frequency, and the nearest UHF receive earth station is in New Mexico.

The S-band frequency of 2080.8 MHz is very close to the Skysat satellite command receive frequency, however Skysats have no communications with visibility from Texas.

Let us know if you need anything else from us.

Best Regards,

Craig Scheffler | Planet
Spectrum Manager
Tel: +1 (720) 238-5634
craig@planet.com

On Sep 10, 2018, at 6:49 AM, <Kara.R.Curtis@L3T.com> <Kara.R.Curtis@L3T.com> wrote:

Yes and Yes.

All the signals are unmodulated. L3 has a site located on Majors Field with all the amplifiers and signal generators. The aircraft is our receiver but the aircraft does not transmit. The test is to make sure the aircraft receivers respond to our signals correctly.

Kara

From: Craig Scheffler <craig@planet.com>
Sent: Friday, September 7, 2018 4:15 PM
To: Curtis, Kara R @ AS - MID <Kara.R.Curtis@L3T.com>
Cc: Craig Scheffler <craig@planet.com>; Rich Leshner <rich@planet.com>
Subject: [EXT] Re: Requesting frequency coordination from Planet Labs, Inc and Terra Bella Technologies, Inc

Hello Kara,

I am happy to help.

To clarify the two entities, Planet Labs acquired Terra Bella a little over a year ago, however Terra Bella still exists (for now anyway) just as an entity holding the licenses for the Skysat satellites. Otherwise Planet Labs is the owner and operator of both the Flock satellites and Skysat satellites and all the associated earth stations. Regardless, I am the spectrum manager for both Planet Labs and Terra Bella licenses.

A couple questions about your operations.

1. It looks like all the transmissions are unmodulated carriers, is that right?
2. And all transmissions will come from one place which is the Majors Field airport in Greenville Texas?

Talk to you soon,

Craig Scheffler | Planet
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